

APPENDIX:

The Appendix includes the following item(s):

- ☒ - a new or amended Abstract of the Disclosure

10/519548**DT01 Rec'd PCT/PTC 28 DEC 2004**

ABSTRACT OF THE DISCLOSURE

A method and device for processing organic waste in an environmentally friendly manner. The waste flow is processed in a bipolar biofuel cell. The waste is introduced into a space having a pair of electrodes, which includes at least one anode and at least one cathode, while in a bipolar cell the anode and cathode are separated spatially and/or by a porous, electronically non-conductive, non-ion-selective wall, while an oxidizer is introduced in the space around the cathode, and where a potential difference is formed across the pair of electrodes such that at the anode CO_2 is produced and electricity is produced. The method can be carried out with waste flows including animal manure, waste water, waste water purification sludge, kitchen and garden waste (KGW), roadside grass, residual flows from industrial processes (such as molasses, whey, draff) and/or dredgings.